Gen
Wear

CONTENTS

	PAGE
American Association of Economic Entomologists	
Officers	ix
List of Meetings and Past Officers	x
List of Members	xiii
Proceedings of the Thirty-Fifth Annual Meeting	1
Part I, Business Proceedings	2
Part II, Addresses, Papers and Discussions	31
Proceedings of the Eighth Annual Meeting of the Pacific Slope Branch	
Part I, Business Session	474
Part II, Papers and Discussions	476
Current Notes	103, 229, 331, 399, 462
Editorial	100, 229, 330, 397, 461, 555
Gipsy Moth and European Corn Borer Conference	112
Horticultural Inspection Notes	108, 236, 337, 406, 469, 562
Notes on Apiculture	109, 239, 340, 405, 470, 561
Notes on Medical Entomology	109, 236, 409, 471, 563
Obituary FRANK CUMMINGS COOK	398
Pacific Slope Notes	111, 410
Reviews	101, 462
Scientific Notes	96, 226, 326, 393, 458, 552
Papers:	
ARMITAGE, H. M. The Present Status of *Aphycus lounsburyi* How. in Southern California	511
ARNOLD, G. F. Uniformity of Nursery Stock Fumigation Requirements	161
BALL, E. D. Courses for the Post-Graduate Student in Entomology	182
BASINGER, A. J. A Valuable Snail Poison	456
The White Snail, *Helix pisana*, at La Jolla, California	522
BEATTIE, R. K. Important Plant Diseases Collected on Imported Nursery Stock in 1921 and 1922	146

BISHOP, F. C., COOK, F. C., PARMAN, D. C., and LAAKE, E. W. Progress Report on Investigations Relating to Repellents, Attractants and Larvicides for the Screw-Worm and Other Flies 222

BRITTAIN, W. H. Some Recent Experiments in the Control of the Cabbage Maggot, *Chortophila brassicae* 61

BRITTON, W. E. Rapid Spread of the Apple and Thorn Skeletonizer, *Hemerophila pariana* Clerck 207

BRUES, C. T. Choice of Food and Numerical Abundance Among Insects 46

BURGESS, A. F. Experiments in Dusting Forest Areas with an Airplane[1] 249

BURROUGHS, A. M., and GRUBE, W. M. A Simplified Method for Making Lubricating Oil Emulsions 534

CAFFREY, D. J. Summary of Research Activities on the European Corn Borer[1] 292

CAMPBELL, R. E. Notes on Nicotine Dust Progress 497

CARTWRIGHT, W. B. Delayed Emergence of Hessian Fly for the Fall of 1922. 432

CHAPMAN, R. N. The Possibility of Transmitting a Calendra Infestation from Wheat to Macaroni thru the Process of Milling and Manufacturing 341

CLAUSEN, C. P. The Citricola Scale in Japan and its Synonymy 225

CONNOR, M. E., and MONROE, W. M. Notes on the Length of Time *Aedes calopus* (Stegomyia) Larvae Should be Exposed to a Film of Kerosene 380

CORY, E. N. Dusting for the Pea Aphis 81

Rehabilitation Classes in Apiculture 130

CRAIGHEAD, E. M. Emergence Records of the Peach Tree Borer in Pennsylvania 376

CUTRIGHT, C. R. Life History of *Micromus posticus* Walker 448

DEAN, G. A. Another Step in the Control of the Hessian Fly 288

DELONG, D. M. Results of Spraying and Dusting for the Control of the Red Spider, *Paratetranychus pilosus* 88

DEONG, E. R. *Habrobracon juglandis* Ashm., as a Parasite of *Plodia interpunctella* Hubn. 550

The Relation Between the Volatility and Toxicity of Nicotine in Dusts and Sprays 486

DOANE, R. W. Bees vs. Spraying 527

DUDLEY, J. E., and SEARLES, E. M. Color Marking of the Striped Cucumber Beetle, *Diabrotica vittata* and Preliminary Experiments to Determine its Flight 363

FELT, E. P. Problems in Economic Entomology 39

FERNALD, H. T. Charting Life Histories[1] 292

FENTON, F. A., and TRUDY, J. H. Bordeaux Mixture as a Control for Leafhoppers 314

FLINT, W. P. Shall We change our Recommendations for San Jose Scale Control 209

FRACKER, S. B. Protection of American Bees against the Introduction of the Isle-of-Wight Disease 133

FROST, S. W. A New Apple Bud Moth in Pennsylvania 304

FULLAWAY, D. T. Some Aspects of Biological Control in Hawaii 531

FULTON, B. B. Some Experiments on Poison Baits for the European Earwig 369

GLASGOW, HUGH. Control of the Root Maggot in Cabbage Seed Beds 68

GLENN, P. A. The Onion Capsid, *Orthotylus translucens* 79

GRAHAM, S. A., and RUGGLES, A. G. The Obligation that Economic Entomology owes to Forestry 51

GUIFFIN, E. L. The Constitution of Oil Emulsions 430

HADLEY, C. H. Spread of the Japanese Beetle 349

HAMLIN, JOHN C. Seasonal Adaptation of a Northern Hemisphere Insect to the Southern Hemisphere 420

HARTLEY, E. A. Parasitism of the European Sawfly?, *Diprion simile* in Pennsylvania 386

HASEMAN, L. Inspection of Nursery Stock at Digging Time 141

Amount of Arsenic Placed in Calyx Cups and Lethal Dosage for Apple Worm 270

HAWLEY, I. M. Notes on Insect Pests of Utah 377

HEADLEE, T. J. Some Further Experiences with Nicotine Dusts[1] 95

The Present Status of the Gipsy Moth in New Jersey 158

HERBERT, F. B. Spraying Equipment for Citrus Trees in California 494

HERRICK, G. W. Notes on the Biology of *Desmocerus palliatus* 546

HOUSER, J. S. Dusting Tall Trees by Airplane for Leaf Eating Insects 241

HYSLOP, J. A. Insect Pest Survey in the United States 215

JONES, T. H., and BRADLEY, W. G. Observations on Tabanidae (Horseflies) in Louisiana 307

KELLOGG, VERNON. Extra-Entomological Studies for the Young Entomologist 185

KING, G. E. A Study of the Factors Affecting the Outdoor Wintering of Honey Bees 321

KUHN, H. A. Fumigation of Washington Barracks, and Army War College by the Chemical Warfare Service 323

LEACH, B. R., and THOMSON, J. W. A Control for Japanese Beetle Larvae in Golf Greens 312

MARLATT, C. L. Work of the Federal Horticultural Board 138

The When and Why of Plant Quarantines 251

MCCOLLOCH, J. W. The Resistance of Wheat to the Hessian Fly, A Progress Report 293

MCCUBBIN, W. A. Factors in the Success of Domestic Quarantines 253

MERRILL, J. H. Value of Winter Protection for Bees 125

MIDDLETON, WM. A Note on the Honey Dew Production of the Aphid, *Longistigma caryae* Harris 446

MOORE, WM. The Need of Chemistry for the Student of Entomology 172

NEWELL, WILMON. Tropical and Subtropical Quarantines 263

NOLAN, W. C. A Two-Year Brood Curve for a Single Colony of Bees 117

O'KANE, W. C. The Entomologist and the Public 176

ORTON, W. A. Biological Basis of Foreign Plant Quarantines[1] 523

OSBORN, HERBERT. Personal Contact with Students 168

PARKS, T. H. Five Years of Hessian Fly Studies in Ohio 299

PARROTT, P. J., and GLASGOW, HUGH. The Insecticidal Properties of Tobacco Dust 90

PARROTT, P. J., and MACLEOD, G. F. Tobacco Dust as a Contact Insecticide 424

PETERSON, ALVAH. Pepper Maggot, a New Pest of Peppers and Egg Plants[1] 81

PHILLIPS, E. F. Utilization of Various Carbohydrates as Food for the Honey Bee[1] 117

Isle-of-Wight Disease with Special Reference to Geographical Distribution[1] 136

PRIMM, J. K., and HARTLEY, E. A. Results of an Oil Spray in Treatment of Box Leaf Miner, *Monarthropalpus buxi* Labou. 435

ROCKWELL, F. F. Bugs, Bugologists, Bugaboos and Nurserymen[1] 146

SANDERS, J. G. Whither in Entomology 31

SASSCER, E. R. Important Foreign Insects Collected on Imported Nursery Stock in 1922 152

[1]Withdrawn for publication elsewhere.

SASSCER, E. R., and WEIGEL, C. A. Further Data on Fumigation with Hydrocyanic Acid Gas in Greenhouses on a Commercial Basis 84

SEVERIN, H. H. P. Investigations of Beet Leafhopper, *Eutettix tenella* Baker, in Salinas Valley of California 479

SHOTWELL, R. L. On the Oyster Shell Scales found on Willows at Boulder, Colorado 392

SIMMONS, PEREZ. A House Fly Plague in the American Expeditionary Force 357

SMITH, H. S. What We May Expect from Biological Control 506

The Successful Introduction and Establishment of the Ladybird, *Scymnus binaevatus* Mulsant, in California 516

SMITH, R. H. Spreaders in Relation to Theory and Practise in Spraying 201

SMITH, R. I. Vacuum Fumigation Experiments with Brown Tail Moth and European Corn Borer Larvae under Winter Conditions 317

SNAPP, O. I. Recent Developments in Plum Curculio Investigations in Georgia 275

SNYDER, T. E., MIDDLETON, Wm., and KEEN, F. P. The Progress of Forest Entomology in the United States 413

STAHL, C. F., and CARSNER, EUBANKS. A Discussion of *Eutettix tenella* Baker, as a Carrier of Curly-Top of Sugar Beets 476

STEAR, J. R. Red Bug Control in Southern Pennsylvania 548

STEARNS, L. A., and HOUGH, W. S. Spreader Tests on Apples and Peaches 198

SUMMERS, J. V. A Japanese Tachinid Parasite of the Oriental Moth, *Cnidocampa flavescens* 292

A Refrigerator for Shipping Live Insects 539

TANQUARY, M. C. Relation of the Texas Agricultural Experiment Station to Beekeeping in Texas 113

TURNER, W. F. Kernel Spot of Pecan caused by the Southern Green Soldier bug 440

VAN DINE, D. L. The Effect of Leaf-Hopper Injury on the Sugar Content of Grapes 353

WEBB, J. L. The Pink Bollworm of Thurberia, *Thurberiphaga catalina* 544

WEIGEL, C. A., and DOUCETTE, C. F. Control of the Strawberry Rootworm in Commercial Rosehouses 283

WILLARD, C. J. The Effect of CS_2 on the Germination of Seeds 388

WOGLUM, R. S. The History of Hydrocyanic Acid Gas Fumigation as an Index to Progress in Economic Entomology 518

WORTHLEY, H. N. The Squash Bug in Massachusetts 73